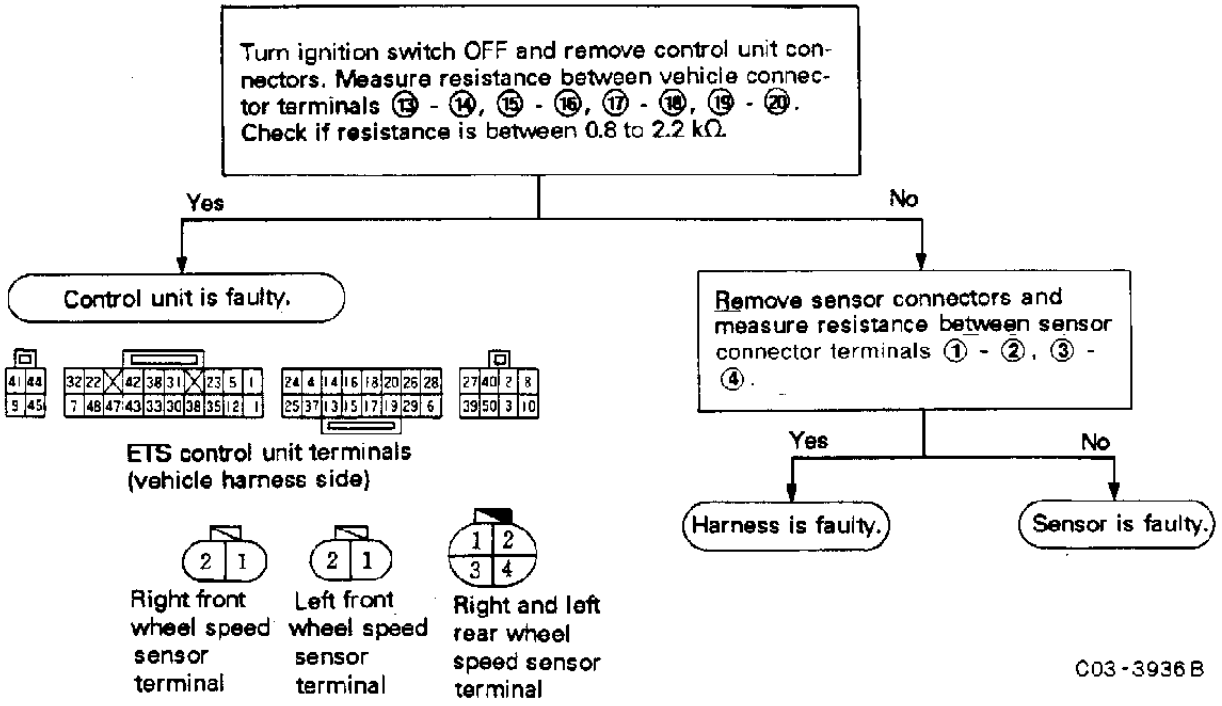
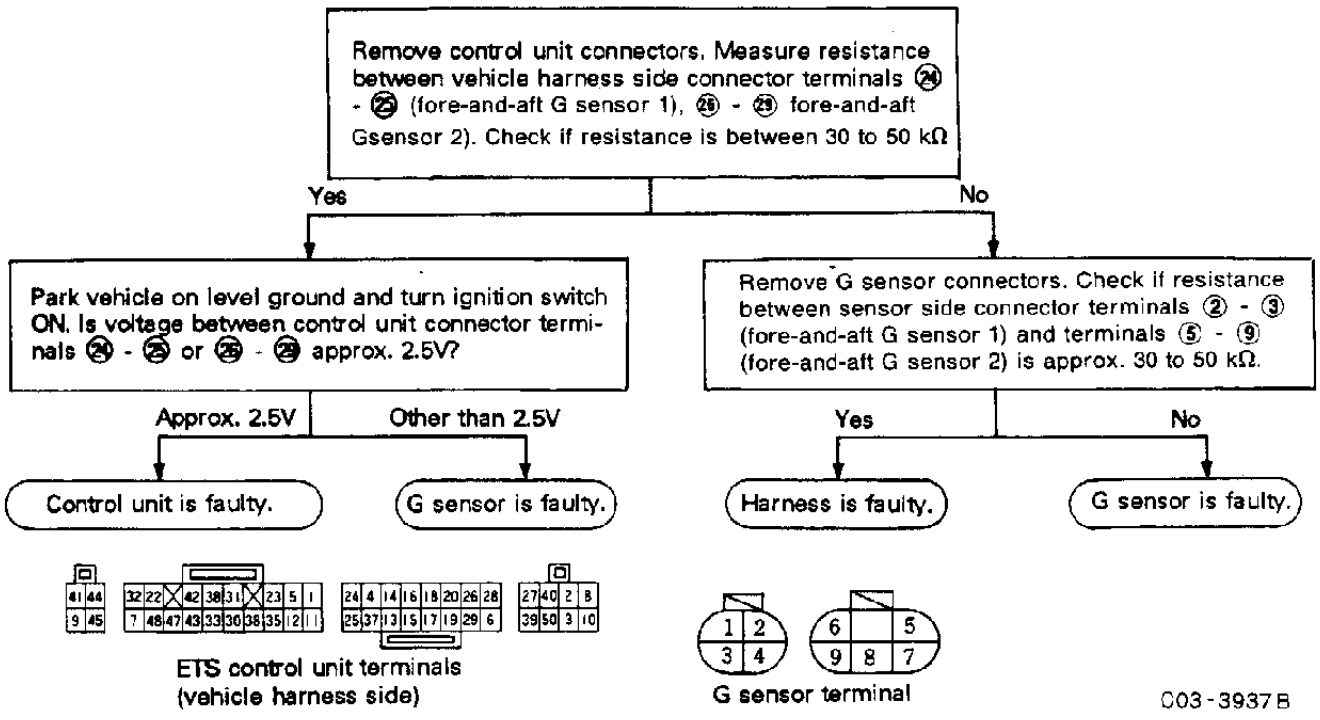
3. Troubleshooting (Cont'd)

(3) Troubleshooting flowchart

A. Right front wheel sensor or circuit problem (LED flashes 1 time)
B. Left front wheel sensor or circuit problem (LED flashes 2 times)
C. Right rear wheel sensor or circuit problem (LED flashes 3 times)
D. Left rear wheel sensor or circuit problem (LED flashes 4 times)


Turn ignition switch OFF and remove control unit connectors. Measure resistance between vehicle connector terminals ⑬ - ⑭, ⑮ - ⑯, ⑰ - ⑱, ⑲ - ⑳. Check if resistance is between 0.8 to 2.2 kΩ.
Yes
No
Control unit is faulty.
Remove sensor connectors and measure resistance between sensor connector terminals ① - ②, ③ - ④.
Yes
No
Harness is faulty.
Sensor is faulty.
ETS control unit terminals (vehicle harness side)
Right front wheel speed sensor terminal
Left front wheel speed sensor terminal
Right and left rear wheel speed sensor terminal
C03-3936B

E. Fore-and-aft G sensor 1 or circuit problem (LED flashes 11 times)
F. Fore-and-aft G sensor 2 or circuit problem (LED flashes 12 times)
G. Fore-and-aft G sensor 1, 2 or circuit problem (LED flashes 13 times)


Remove control unit connectors. Measure resistance between vehicle harness side connector terminals ㉔ - ㉕ (fore-and-aft G sensor 1), ㉖ - ㉗ fore-and-aft Gsensor 2). Check if resistance is between 30 to 50 kΩ
Yes
No
Park vehicle on level ground and turn ignition switch ON. Is voltage between control unit connector terminals ㉔ - ㉕ or ㉖ - ㉗ approx. 2.5V?
Approx. 2.5V
Other than 2.5V
Control unit is faulty.
G sensor is faulty.
Remove G sensor connectors. Check if resistance between sensor side connector terminals ② - ③ (fore-and-aft G sensor 1) and terminals ⑤ - ⑨ (fore-and-aft G sensor 2) is approx. 30 to 50 kΩ.
Yes
No
Harness is faulty.
G sensor is faulty.
ETS control unit terminals (vehicle harness side)
G sensor terminal
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